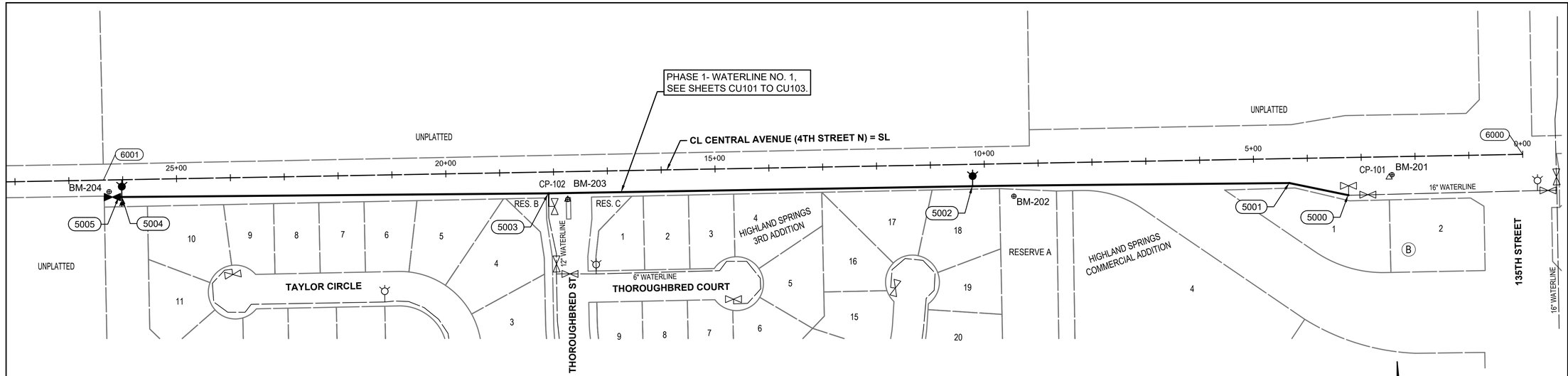

SCALE:

0 100' 200'

CONTROL SUMMARY
HORIZONTAL DATUM/COORDINATE SYSTEM: NAD 83 KANSAS SOUTH ZONE
PROJECT COORDINATE SYSTEM: (GRID) ON DESCRIBED COORDINATE SYSTEM
VERTICAL DATUM: NAVD 88
SCALE POINT: NORTHING: 0 EASTING: 0
COMBINED ADJUSTMENT FACTOR (CAF): GROUND TO GRID=0.99988215
GRID TO GROUND=1/0.99988215
DISTANCE UNITS: US SURVEY FEET

BENCH MARKS
BM-201 ELEV: 1,348.02 (NAVD 88)
SQUARE CUT ON TOP OF CURB SOUTH SIDE OF CENTRAL WEST OF 135TH ST NORTH OF RET WALL.

BM-202 ELEV: 1,351.31 (NAVD 88)
SQUARE CUT ON TOP OF 42" RCP SOUTH SIDE OF CENTRAL EAST OF HOUSING ADDITIONSOUTH OF MASONRY WALL WEST ±10'.

BM-203 ELEV: 1,359.08 (NAVD 88)
CHISLED "X" ON BACK OF CURB NORTH END OF ISLAND IN THE CENTER OF N. THOROUGHBRED ST. ENTRANCE TO HOUSING ADDITION TO THE SOUTH OF CENTRAL.

BM-204 ELEV: 1,364.61 (NAVD 88)
T-POST FLUSH WITH THE GROUND SOUTH OF CENTRAL IN CENTER OF DITCH, ±8' EAST OF MASONRY WALL.

HORIZONTAL CONTROL POINTS
CP-101 N: 1,687,628.4441 E: 1,601,799.9049
1/2" BAR WITH BLUE CP CAP
1. 8.95' SE TO NORTHWEST CORNER OF RET WALL
2. 7.58' NE TO SQUARE CUT ON TOP OF CURB
3. 4.92' N TO BACK OF CURB
4. 8.30' W TO EAST EDGE OF CONCRETE FLUME

CP-102 N: 1,687,587.2764 E: 1,600,274.6458
CROSS CUT
1. 6.63' ENE TO NORTHEAST CORNER OF HIGH EDGE OF CURB
2. 6.18' WNW TO NORTHWEST CORNER OF HIGH EDGE OF CURB
3. 8.49' S TO 10" TREE
4. CENTER OF NORTH END OF CURB

CL CENTRAL AVENUE				
COORDINATE LIST				
POINT	NORTHING	EASTING	STATION	DESCRIPTION
6000	1,687,671.0370	1,602,047.8400	0+00.00	PI
6001	1,687,623.2553	1,599,412.4213	8+41.46	PI

(6000) = COORDINATE POINT NO.

FITTING TABLE - WATERLINE NO. 1				
ID	ALIGNMENT	STATION	COORDINATES	DESCRIPTION
5000	WL NO 1	10+00.0	N: 1,687,595.1563 E: 1,601,724.1203	16" 11.25° RJ BEND
5001	WL NO 1	11+11.8	N: 1,687,617.7369 E: 1,601,614.6439	16" 11.25° RJ BEND
5002	WL NO 1	17+00.0	N: 1,687,611.8820 E: 1,601,026.4551	FIRE HYDRANT ASSEMBLY
5003	WL NO 1	24+87.3	N: 1,687,598.5986 E: 1,600,239.2555	16" X 12" RJ TEE
5004	WL NO 1	32+80.0	N: 1,687,591.8019 E: 1,599,446.5963	FIRE HYDRANT ASSEMBLY
5005	WL NO 1	32+85.5	N: 1,687,591.7543 E: 1,599,441.0549	16" RJ CAP

(5000) = COORDINATE POINT NO.

LEGEND
EXISTING WATER MAIN
PROPOSED WATER MAIN
EXISTING WATER VALVE
PROPOSED WATER VALVE
EXISTING FIRE HYDRANT
PROPOSED FIRE HYDRANT
EXISTING BLOW OFF
PROPOSED BLOW OFF

NOTE: WATERLINE VALVES TO BE OPERATED BY CONTRACTOR ONLY IF WATER DEPARTMENT REPRESENTATIVE IS ON SITE.

PEC
PROFESSIONAL ENGINEERING CONSULTANTS
303 SOUTH TOPEKA
WICHITA, KS 67202
316-262-2691 www.pec1.com

CITY OF WICHITA

SAGE SCHEER LICENSED 28775 04/12/2023 KANSAS PROFESSIONAL ENGINEER

CENTRAL AVENUE AND 151ST STREET WATERLINE IMPROVEMENTS

PHASE 1 - ALONG CENTRAL AVE, (WEST OF N 135TH W ST.)

PAUL GUNZELMAN, P.E. - INTERIM CITY ENGINEER
CITY OF WICHITA PROJECT NO. 448-2020-033962

Issue:		

JOB NO.	35-210255-002-0042
DATE	MARCH 2023
PM	TBK
DESIGNED BY	REW
DRAWN BY	KTD
CHECKED BY	TBK

WATERLINE NO. 1
BUBBLE MAP

C-004

SAVED 4/11/2023 10:26:31 AM BY KURTIS.DEKAT
PLOTTED 4/12/2023 12:04:53 PM BY KURTIS.DEKAT
U:\WICHITA-C\VIL\2021\210255\002\PEC\DRAWINGS\PHASE 1\210255-002-C-004.DWG